



School of Graduate  
and Professional  
Education



# MS in Data Science

## Course Schedule

**ACADEMIC YEAR 2020–2021**

### **FALL 2020-21 / SEPTEMBER 21 (M) - DECEMBER 19 (SAT)**

|             |                                |       |    |               |
|-------------|--------------------------------|-------|----|---------------|
| ITC 6008    | SEARCH ENGINE AND WEB MINING   | 3 cr. | M  | 18:30 - 21:30 |
| ITC 6001 A1 | INTRODUCTION TO BIG DATA       | 3 cr. | W  | 18:30 - 21:30 |
| ITC 6001 B1 | INTRODUCTION TO BIG DATA       | 3 cr. | W  | 18:30 - 21:30 |
| ITC 6002 A1 | EXPLORING AND ANALYSING DATA   | 3 cr. | TH | 18:30 - 21:30 |
| ITC 6002 B1 | EXPLORING AND ANALYSING DATA   | 3 cr. | TH | 18:30 - 21:30 |
| ITC 6109    | MACHINE VISION IN DATA SCIENCE | 3 cr. | T  | 18:30 - 21:30 |

### **WINTER 2020-21 / JANUARY 7 (TH) - APRIL 6 (TU)**

|          |                                      |       |    |               |
|----------|--------------------------------------|-------|----|---------------|
| ITC 6003 | APPLIED MACHINE LEARNING             | 3 cr. | M  | 18:30 - 21:30 |
| ITC 6107 | STORING AND RETRIEVING DATA          | 3 cr. | T  | 18:30 - 21:30 |
| ITC 6004 | DATA VISUALISATION AND COMMUNICATION | 3 cr. | W  | 18:30 - 21:30 |
| ITC 6420 | SAS PLATFORM FOR BUSINESS ANALYTICS  | 3 cr. | TH | 18:30 - 21:30 |
| ITC 6230 | ADVANCED MACHINE LEARNING            | 3 cr. | TH | 18:30 - 21:30 |

### **SPRING 2020-21 / APRIL 13 (TU) - JULY 24 (SAT)**

|          |                             |       |    |               |
|----------|-----------------------------|-------|----|---------------|
| ITC 6010 | NATURAL LANGUAGE PROCESSING | 3 cr. | M  | 18:30 - 21:30 |
| ITC 6006 | BIG DATA IN BUSINESS        | 3 cr. | T  | 18:30 - 21:30 |
| ITC 6005 | SEMANTIC WEB                | 3 cr. | W  | 18:30 - 21:30 |
| ITC 6421 | CAPSTONE                    | 3 cr. | TH | 18:30 - 21:30 |
| ITC 6440 | THESIS                      | 3 cr. | TH | 18:30 - 21:30 |

\*\* THESIS duration: 2 terms or 26 weeks